

FIGURE 1

65720 5697680

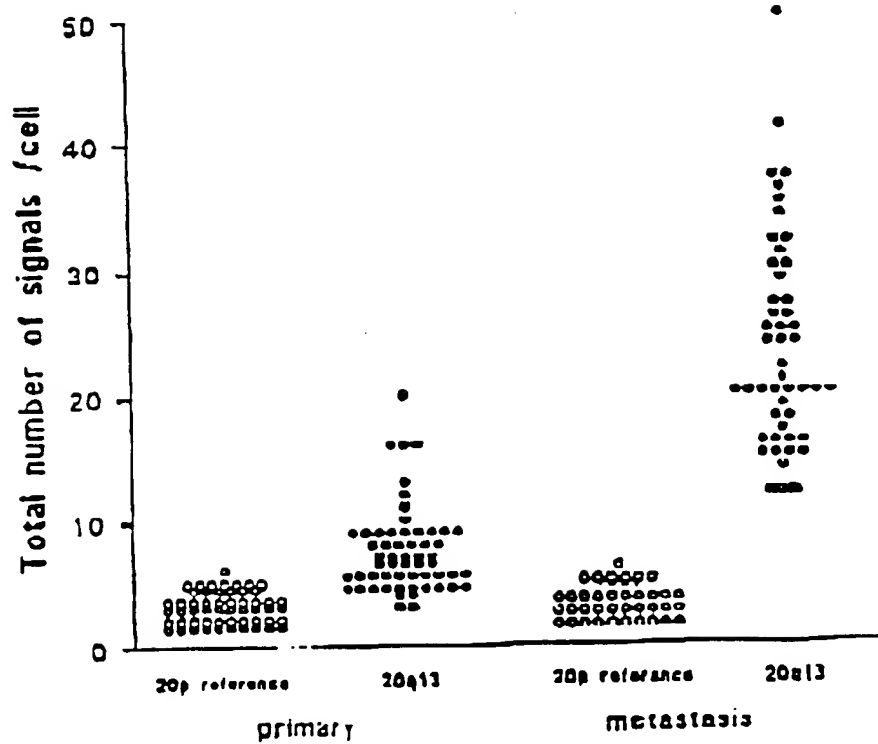


FIGURE 2

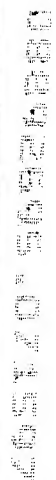


FIGURE 3

08042605, 074597

1.5 Mb

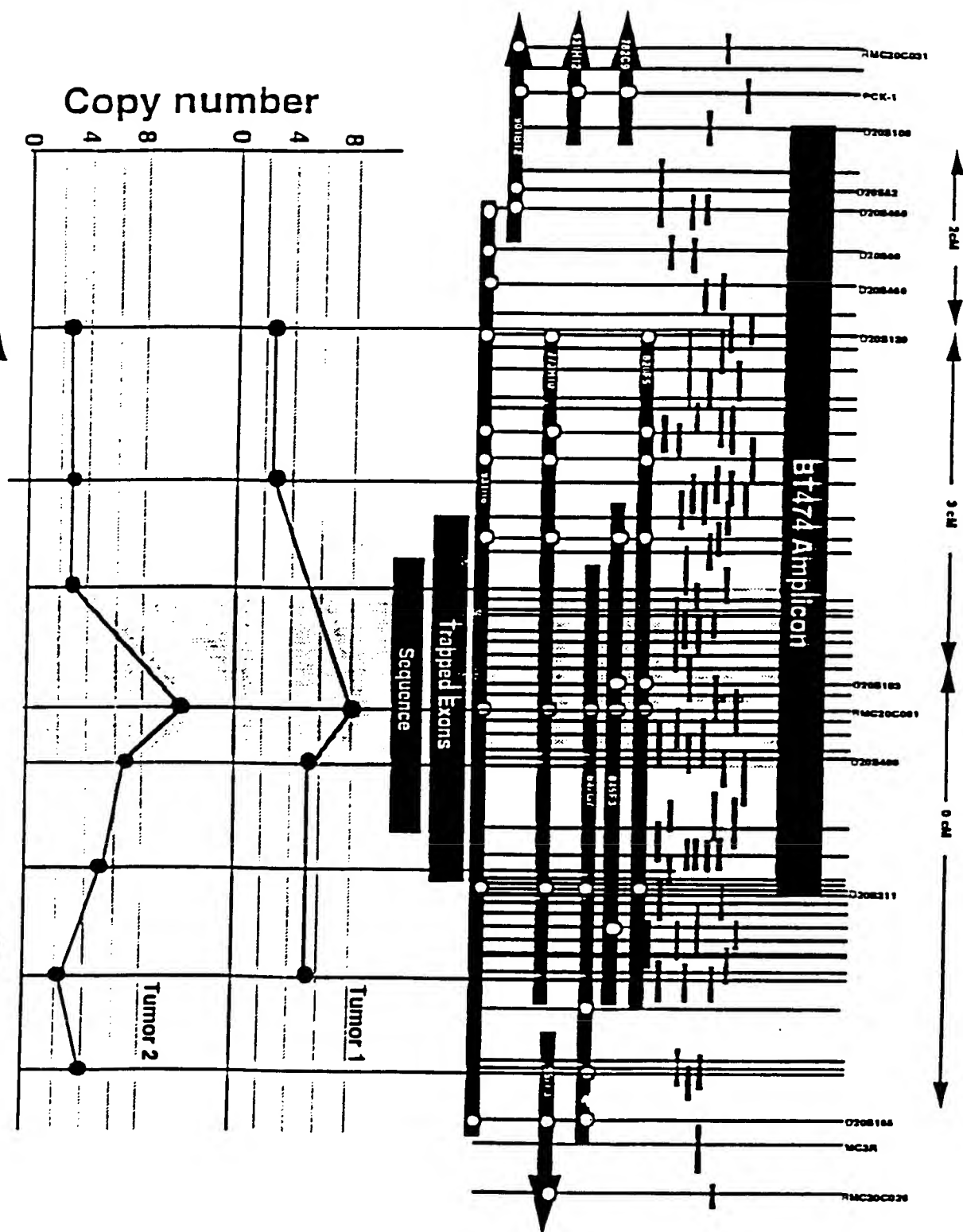


FIGURE 4

Physical map of 209.13.2

RMC20C001

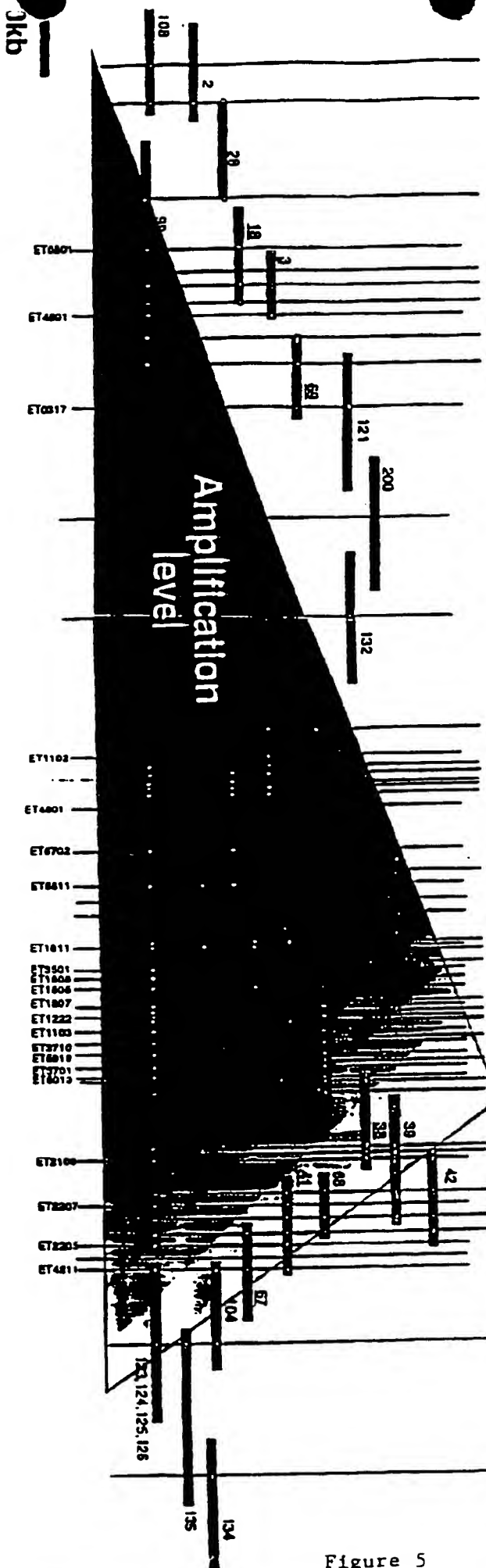


Figure 5

ene ID → 1, 2 3 4, 5 6, 7, 8, 9, 10, 11 12, 13, 14, 15

1-00X

08802695.071597

[illegible]

gb|M19533|RATCYCA Rat cyclophilin mRNA, complete cds.
Length = 743

Minus Strand HSPs:

Score = 418 (115.5 bits), Expect = 1.5e-58, Sum P(5) = 1.5e-58
Identities = 96/112 (85%), Positives = 96/112 (85%), Strand = Minus /
Plus

Query: 372 TNCAATATCACCGCAGATGGCGAGCCTTTAGGCCATGGTCTCCTTCGAGCTATTTGCAGAC
3-3

313
Sbjct: 64 TTCGACATCACGGCTGATGGCGAGCCCTTGGGTCGCGTCTGCTTCGAGCTGTTTGCAGAC
123

```

Query:      312 AAAGTTCCAAAGACATCAGAAACTTTCATGGTCTGAGCACTGGAGAGAAAG 261
             |||||
Sbjct:      124 AAAGTTCCAAAGACAGCAGAAACTTTCGTGCTCTGAGCACTGGGGAGAAAG 175

```

Score = 236 (65.2 bits), Expect = 1.5e-58, Sum P(5) = 1.5e-58
Identities = 52/58 (89%), Positives = 52/58 (89%), Strand = Minus / Plus

```

Query: 117 TGCTGGACTCAACACAAATGGTTCCCAGTTTTCATCTGCACTGCCAAATCGAGTGG 60
      |||||
Sbjct: 348 TGCTGGACCAACACAAATGGTTCCCAGTTTTCATCTGCACTGCCAAGACTGAGTGG
      405

```

Score = 177 (48.9 bits), Expect = 1.5e-58, Sum P(5) = 1.5e-58
Identities = 41/48 (85%), Positives = 41/48 (85%), Strand = Minus / Plus

```

Query:      60  GACTGGATGGCAAGCGTGTGATGTTTGGCAAGGTGCAGAGGGGCATGA 13
             | | | | | | | | | | | | | | | | | | | | | |
Sbjct:     404  GGCTGGATGGCAAGCATGTGGTCTTTGGGAAGCTCAAAGAAGGCATGA 451

```

Score = 154 (42.6 bits), Expect = 1.5e-52, Sum P(5) = 1.5e-52
Identities = 34/38 (89%), Positives = 34/38 (89%), Strand = Minus / Plus

```
Query:      153 AGA A C T T C G T T C T G A A C A T G C A G G T C C T G G C A T C T T G   116
              ||| | | | | | | | | | | | | | | | | | | | | | | | | | | |
Sbjct:     299 A G A A C T T C A T C C T G A A G C A T A C A G G T C C T G G C A T C T T G   336
```

Score = 86 (23.8 bits), Expect = 1.5e-58, Sum P(5) = 1.5e-58
Identities = 22/28 (78%), Positives = 22/28 (78%), Strand = Minus / Plus

```

Query:      256 TCCTGCCTTTGCAGAATTATCCATTAT 229
             |||||
Sbjct:     193 TCCTCCTTTTCACAGAATTATCCAGGAT 220

```

Figure 6

Physical Map of 20q13.2 Breast Cancer Amplicon

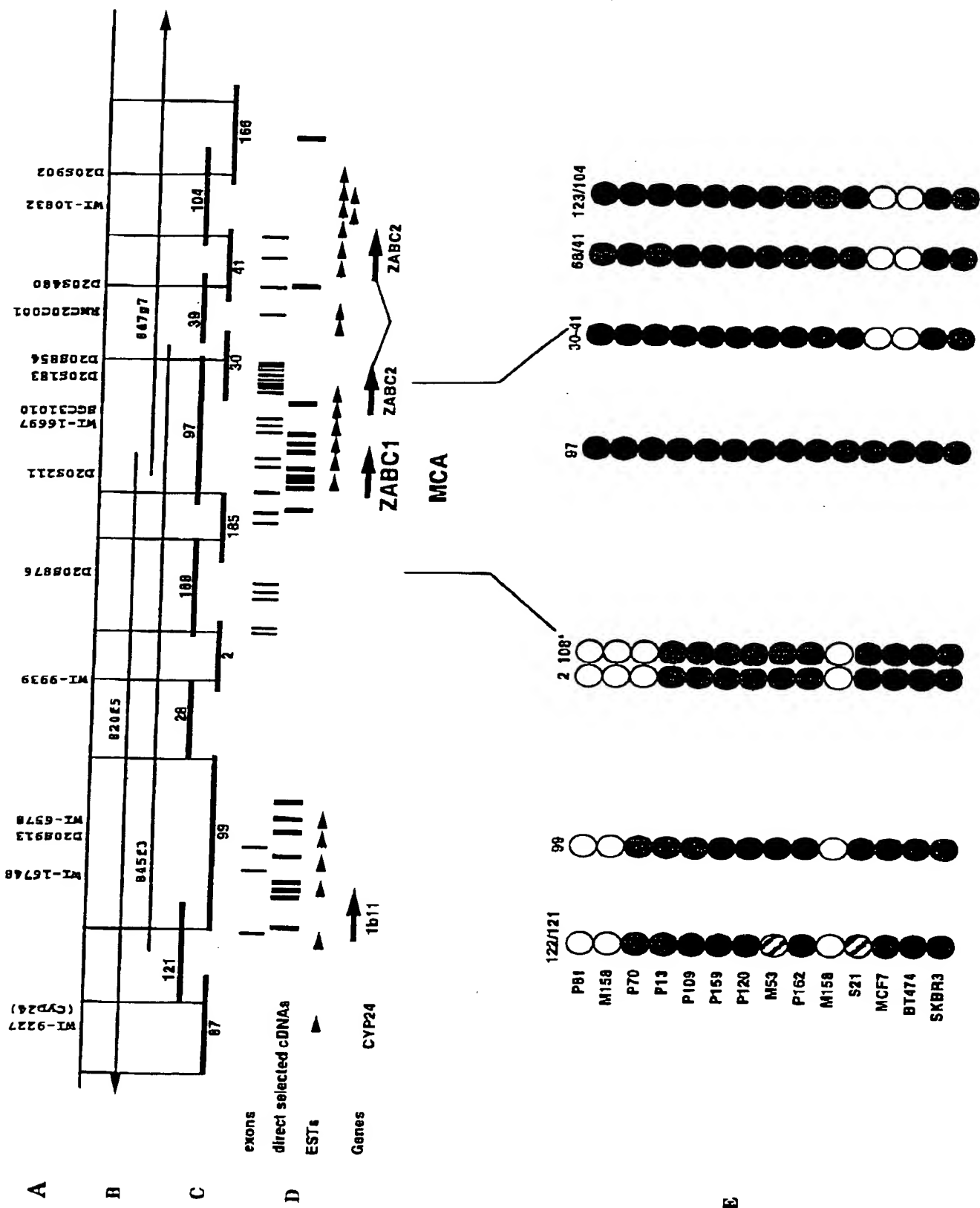


Figure 7